

Passaic County



PASSAIC

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A-Z Automotive Repair Center

1692 Union Valley Road

West Milford Township

Passaic County

BLOCK: 7104 **LOT:** 1

CATEGORY: Non-Superfund
State Lead (IEC)

TYPE OF FACILITY: Gas Station
OPERATION STATUS: Inactive

PROPERTY SIZE: 0.5 Acre

SURROUNDING LAND USE: Residential/Undeveloped

MEDIA AFFECTED	CONTAMINANTS	STATUS
Ground Water	Volatile Organic Compounds	Treating
Potable Water	Volatile Organic Compounds	Treating
Soil	Volatile Organic Compounds	Treating
Structures	Gasoline Vapors	Venting

FUNDING SOURCES











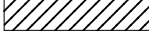






AMOUNT AUTHORIZED

Spill Fund	\$2,301,000
1986 Bond Fund	\$149,000
General State Fund	\$431,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

In 1989, underground storage tanks at this former service station were determined to be leaking gasoline into the ground water. The ground water plume from the site contaminated 18 private potable wells in the area and caused gasoline vapors to seep into several nearby homes. NJDEP directed the Potentially Responsible Parties to take remedial actions to address the on-site and off-site contamination due to the leaking tanks. In 1990, the gasoline supplier for the service station removed the underground storage tanks, installed a ground water treatment system and a soil venting system at the site, provided Point-of-Entry Treatment (POET) water filtration systems for residents with contaminated private wells, and installed a soil vapor recovery system to prevent gasoline vapors from entering homes. NJDEP assumed responsibility for the site in 1991 after the gasoline supply company claimed that it was no longer able to finance the cleanup or maintain the various remedial systems. NJDEP modified the original ground water treatment system to increase hydraulic control of the contaminant plume and made improvements to the on-site soil venting system. Operation and maintenance of the ground water treatment system and soil venting system are ongoing under the supervision of NJDEP.

In 1995, in response to residents' concerns that leaded gasoline may be a component of the ground water contamination, NJDEP began testing for lead in the potable wells of the homes with POET units. The results of the sampling indicate that low levels of lead are present in several of the potable wells, but NJDEP has determined that the lead is from the household plumbing and not leaded gasoline contamination. NJDEP is continuing to sample private potable wells in the area to ensure human health is protected.

PROJECT NAME	RI/FS	DESIGN	CONSTR	O&M	
Tank Removal					 Planned
Performance Evaluation					 Underway
Sitewide					 Completed
					 Not Required

Old Rifle Camp Road Ground Water Contamination

Old Rifle Camp Road and Oak Ridge Road

West Paterson Borough

Passaic County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Unknown Source
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Delineating

Potable Water

Volatile Organic Compounds

Treating













FUNDING SOURCES

No Public Funds Authorized to Date

AMOUNT AUTHORIZED

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The Passaic County Health Department conducted a private potable well sampling program in this area in 1997, after two residents complained about contamination in their well water. The Health Department sampled 125 potable wells in the Old Rifle Camp Road and Oak Ridge Road areas and determined that ten of the wells were contaminated with three different volatile organic compounds above New Jersey Drinking Water Standards. Tetrachloroethylene (TCE) was detected in six wells in the Old Rifle Camp Road area, and in the Oak Ridge Road area benzene was detected in two wells and carbon tetrachloride was found in two other wells. NJDEP has installed Point-of-Entry Treatment (POET) water filtration systems on the affected wells as an interim remedy to provide potable water for these residents, and in 1998 began a water supply alternatives analysis to determine the best long-term solution to provide potable water to the affected areas. NJDEP expects to issue its recommendations to the Borough officials in late 1998.

PROJECT NAME	RI/FS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
Sitewide					 Underway
					 Completed
					 Not Required

Paperboard Specialities, Inc.

177 Third Avenue

Paterson City

Passaic County

BLOCK: 454 **LOT:** 2
 455 1
 428 1
 429 1

CATEGORY: Non-Superfund
 State Lead

TYPE OF FACILITY: Manufacturing-Paper Products
OPERATION STATUS: Abandoned

PROPERTY SIZE: 1.8 Acres

SURROUNDING LAND USE: Commercial

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Delineating

Soil

Volatile Organic Compounds

Delineating

FUNDING SOURCES

Spill Fund

AMOUNT AUTHORIZED













\$500,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Paper products were manufactured at this facility since the early 1900s. The facility changed ownership in 1985, which resulted in a mandated environmental investigation under the former Environmental Cleanup Responsibility Act (ECRA). In 1989, Paperboard Specialities, Inc. purchased the facility and assumed responsibility for compliance with ECRA requirements. The company abandoned the facility following a declaration of bankruptcy in 1992.

A variety of hazardous conditions existed at the site at the time operations ceased. Explosive materials, leaking transformers and containers of chemicals were present within the process building. Drums containing potentially hazardous materials were being stored both inside and outside of the building. An underground storage tank located underneath the building contained 30,000 gallons of polychlorinated biphenyl (PCB) contaminated fuel oil. In addition, lubricating oil, gasoline and fuel oil from leaking underground storage tanks had contaminated the subsurface soil and ground water. A Potentially Responsible Party for the site subsequently removed the leaking underground storage tanks under the supervision of the NJDEP.

In 1994, NJDEP signed a Decision Document that required removal of the drums and other surface materials and delineation of the ground water contamination. NJDEP expects to complete the removal action in early 1999. NJDEP began a Remedial Investigation and Remedial Action Selection (RI/RAS) in 1994 to determine the extent of the contamination in the soil and ground water and identify cleanup options. As part of the RI/RAS, 25 monitor wells have been installed and a pump test is being conducted to recover petroleum product from the ground water. The Potentially Responsible Party has reimbursed the State of New Jersey \$534,000 for remedial work conducted at the site.

PROJECT NAME	RI/FS	DESIGN	CONSTR	O&M	
Surface, Drum & UST Removal					 Planned
Ground Water, Product & Soil Remediation					 Underway
					 Completed
					 Not Required

Pratt Gabriel

204 21st Avenue

Paterson City

Passaic County

BLOCK: 1202 **LOT:** 3

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Chemical Manufacturing
OPERATION STATUS: Inactive

PROPERTY SIZE: 0.4 Acres

SURROUNDING LAND USE: Residential/Industrial/Commercial

MEDIA AFFECTED

CONTAMINANTS

STATUS

Ground Water

Pesticides
Polychlorinated Biphenyls (PCBs)
Metals

Potential

Soil

Pesticides
Polychlorinated Biphenyls (PCBs)
Metals
Chlorinated Dioxins/Furans

Investigating

Building Interior

Pesticides
Metals

Investigating

FUNDING SOURCES

AMOUNT AUTHORIZED

1981 Bond Fund

\$35,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The B.G. Pratt Company and the B.G. Pratt Division of Gabriel Chemical manufactured herbicides, pesticides and fertilizers at this site from 1965 to 1977. Miller Chemical and Fertilizer Corporation conducted similar operations at the facility from 1978 to 1980. The property was purchased by another company in 1981, who leased the property to a circuit board assembly shop. The site consists of a two-story building that covers most of the lot, two loading docks and a small (90 by 40 feet) "yard area" in the back of the property.

In the early 1980s, in response to public concern about dioxin (also known as tetrachlorodibenzo-p-dioxin, or TCDD) and its effects on human health, NJDEP initiated a statewide study to identify facilities where dioxin contamination might be present. This study identified the former Pratt Gabriel site as potentially contaminated with dioxin based on its past operations. Sampling conducted by NJDEP in 1985 confirmed that dioxin, other types of pesticides and polychlorinated biphenyls (PCBs) were present in the soil in the yard area and inside a small shed adjoining the yard. Pesticides other than dioxin were also detected in chip and wipe samples collected from inside of the main building. NJDEP covered the contaminated soil in the yard area with a tarp and posted warning signs on the fence surrounding the site. In 1986, the property owner demolished a small shed in the yard area, buried the rubble and contaminated soils and paved the entire yard area for use as a parking lot. NJDEP directed the Potentially Responsible Parties to investigate and remediate the contamination throughout the site but they did not comply. In 1997, the site was transferred to NJDEP's Division of Publicly Funded Site Remediation for investigation and cleanup using public funds. NJDEP is pursuing site access and reviewing the case files in preparation for the Remedial Investigation (RI). The RI field work is expected to begin in the summer of 1999.

PROJECT NAME

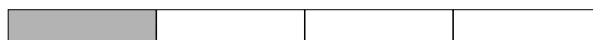
R/FS

DESIGN

CONSTR

O&M

Sitewide



Planned

Underway

Completed

Not Required

West Paterson Memorial School

Memorial Drive

West Paterson Boro

Passaic County

BLOCK: 504 **LOT:** 35

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Coal Gas Manufacturing
OPERATION STATUS: Inactive

PROPERTY SIZE: 8.8 Acres

SURROUNDING LAND USE: Residential/Commercial

MEDIA AFFECTED
Soil

CONTAMINANTS
Polyaromatic Hydrocarbons (PAHs)

STATUS
Delineating

FUNDING SOURCES
1981 Bond Fund

AMOUNT AUTHORIZED
\$331,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The West Paterson Memorial School is located across the street from the Singer-Kearfott site, a vacant lot formerly used to dump wastes from coal gas production. Sampling conducted by USEPA in 1995 and 1996 revealed the soil at the Memorial School was contaminated with low levels of polyaromatic hydrocarbons (PAHs), organic compounds that are associated with coal gas waste. The Federal Agency for Toxic Substances and Disease Control (ATSDR) reviewed the data, and while acknowledging that low levels of contaminants were present in the soil, concluded that the site did not present a public health threat. Based on these findings, USEPA determined that a soil removal action was not warranted.

In 1998, NJDEP conducted additional sampling at the site upon the request of school authorities who remained concerned about potential health hazards posed by the contaminated soil. The results of NJDEP's sampling confirmed USEPA's initial findings that no immediate remedial actions were required at the school; however, PAHs were detected in several samples at levels above NJDEP's soil cleanup criteria. NJDEP plans to initiate a Remedial Investigation (RI) for the entire school property in November 1998 to fully characterize the contamination at the site. If the results of this sampling indicate remedial action is necessary, NJDEP will conduct a Remedial Action Selection (RAS) to evaluate cleanup alternatives.

PROJECT NAME	RI/FS	DESIGN	CONSTR	O&M	
Sitewide					
					<input type="checkbox"/> Planned
					<input checked="" type="checkbox"/> Underway
					<input type="checkbox"/> Completed
					<input type="checkbox"/> Not Required

